

CLAIMS

1. Use of the compression-injection moulding process for producing swimming-pool panels (1) made from a plastic, particularly a recycled plastic.
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2. Panel resulting from the process according to Claim 1, characterized in that it has a planar or curved quadrangular general shape that is perfectly rectilinear over all its dimensions, at least one of the faces of said panel having stiffening ribs (1a).
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3. Panel according to Claim 2, characterized in that it has, on the ribbed-face side, a peripheral squared framework, the vertical flanges (1b) and (1c) of which have complementary arrangements for coupling with adjacent panels in order to produce the closed structure of the pool.
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4. Panel according to Claim 3, characterized in that the lower horizontal flange (1e) has arrangements for the engagement of members for anchoring in the ground.
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5. Panel according to Claim 2, characterized in that the ribs (1a) are formed vertically and/or horizontally on the outer face of said panel.
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6. Panel according to Claim 2, characterized in that the horizontal upper edge of the outer face of said panel delimits a strip formed from a plurality of ribs (1f) arranged in staggered fashion, particularly in the form of a honeycomb.
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7. Panel according to Claim 2, characterized in that it has, in its thickness, in the region of the horizontal upper flange (1d) of the framework, a
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profiled groove (1d1) for the engagement and the clamping of a protective sheet (2) covering the inner face of said panel and known as a liner.

- 5 8. Panel according to Claim 2, characterized in that
it has, in its thickness, at regular or irregular
intervals and parallel to its vertical edges,
reductions in thickness capable of acting as
hinges in order to modify the longitudinal profile
10 of said panel as desired.
9. Panel according to Claim 2, characterized in that
its outer face has, in its upper part, catching
and positioning arrangements (1g) capable of
15 interacting with complementary arrangements (3a)
of attached independent modifiable elements (3)
acting as gutters for the pouring of a concrete
with a view to forming a peripheral upper
anchorage after coupling of the various panels.
- 20 10. Panel according to Claims 2 and 9, characterized
in that its outer face has, over all or part of
its height, catching and positioning arrangements
capable of interacting with complementary
25 arrangements of at least one attached independent
element (4) acting as a vertical shaft, in
communication with the anchorage elements, for the
pouring of a concrete.